OIPE IAP22
MAR '2 3 2006
PATENT & TRADEMARK OFFICE

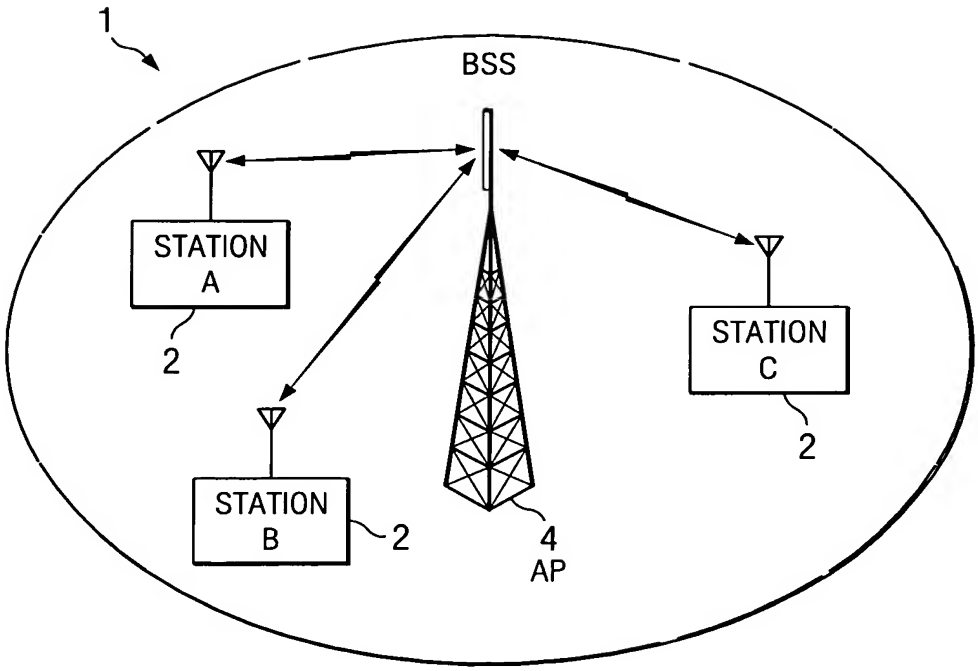

FIG. 1
(PRIOR ART)

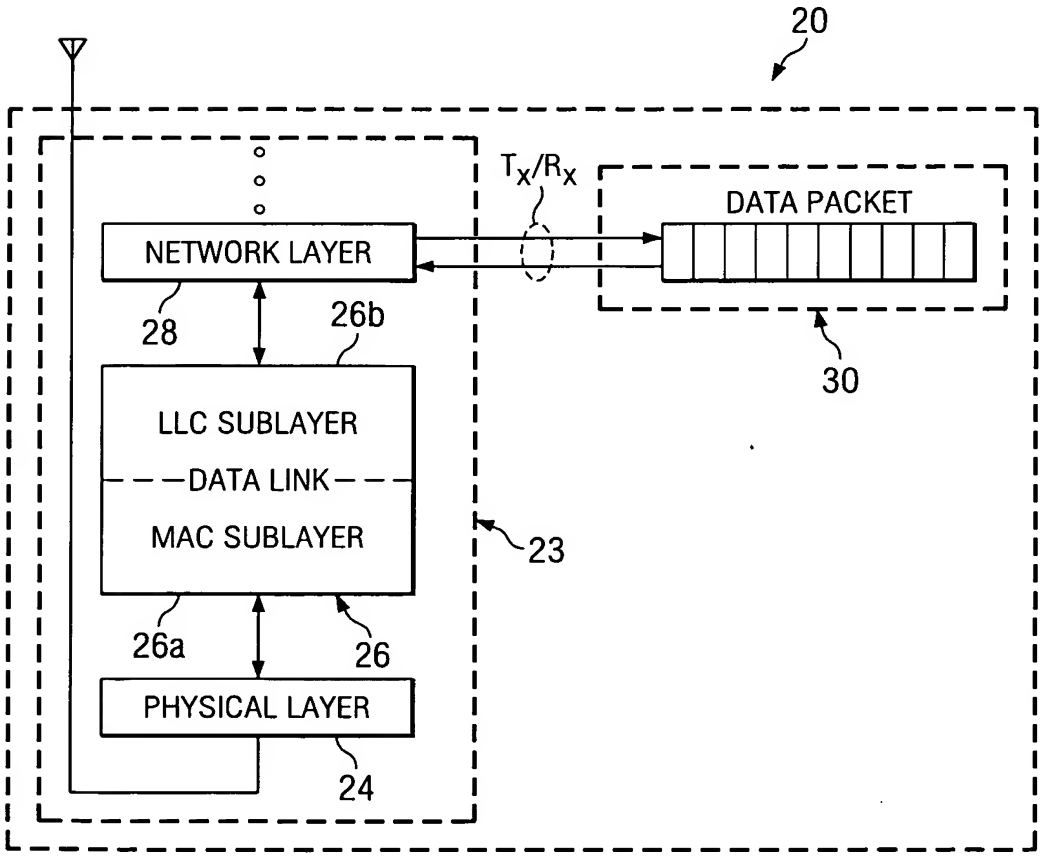

FIG. 2
(PRIOR ART)

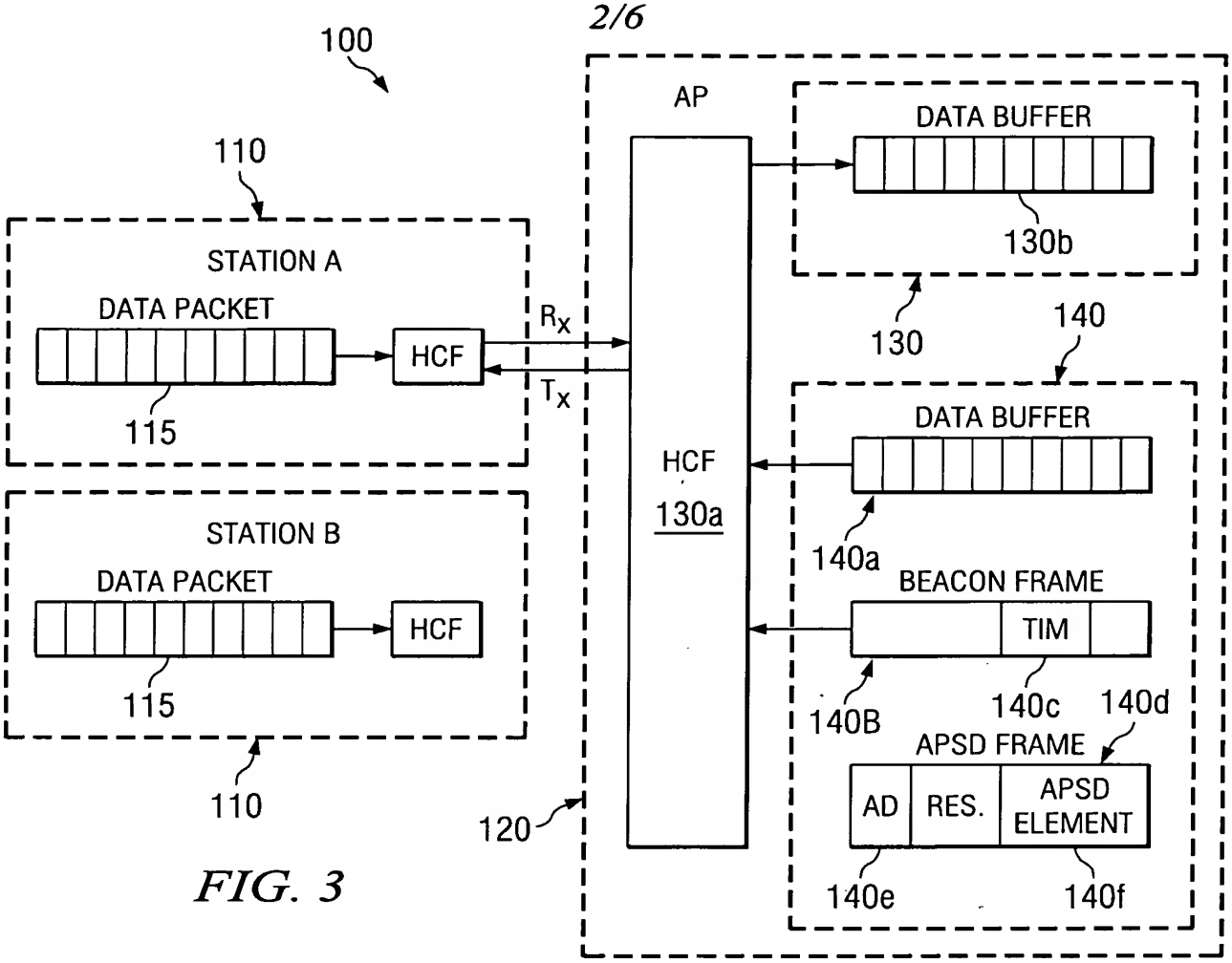

FIG. 3

200

SLOT TIME	SIFS TIME	PIFS TIME	DIFS TIME
20	10	30	50

FIG. 4

235 FIELD NAME	240 ACTIVATION DELAY	245 RESERVED	250 APSD ELEMENT
OCTETS	1	1	4

230

FIG. 5A

235 FIELD NAME	280 ELEMENT ID (43)	285 LENGTH (2)	290 WAKEUP PERIOD	295 BEACON OFFSET
OCTETS	1	1	1	1

232

FIG. 5B

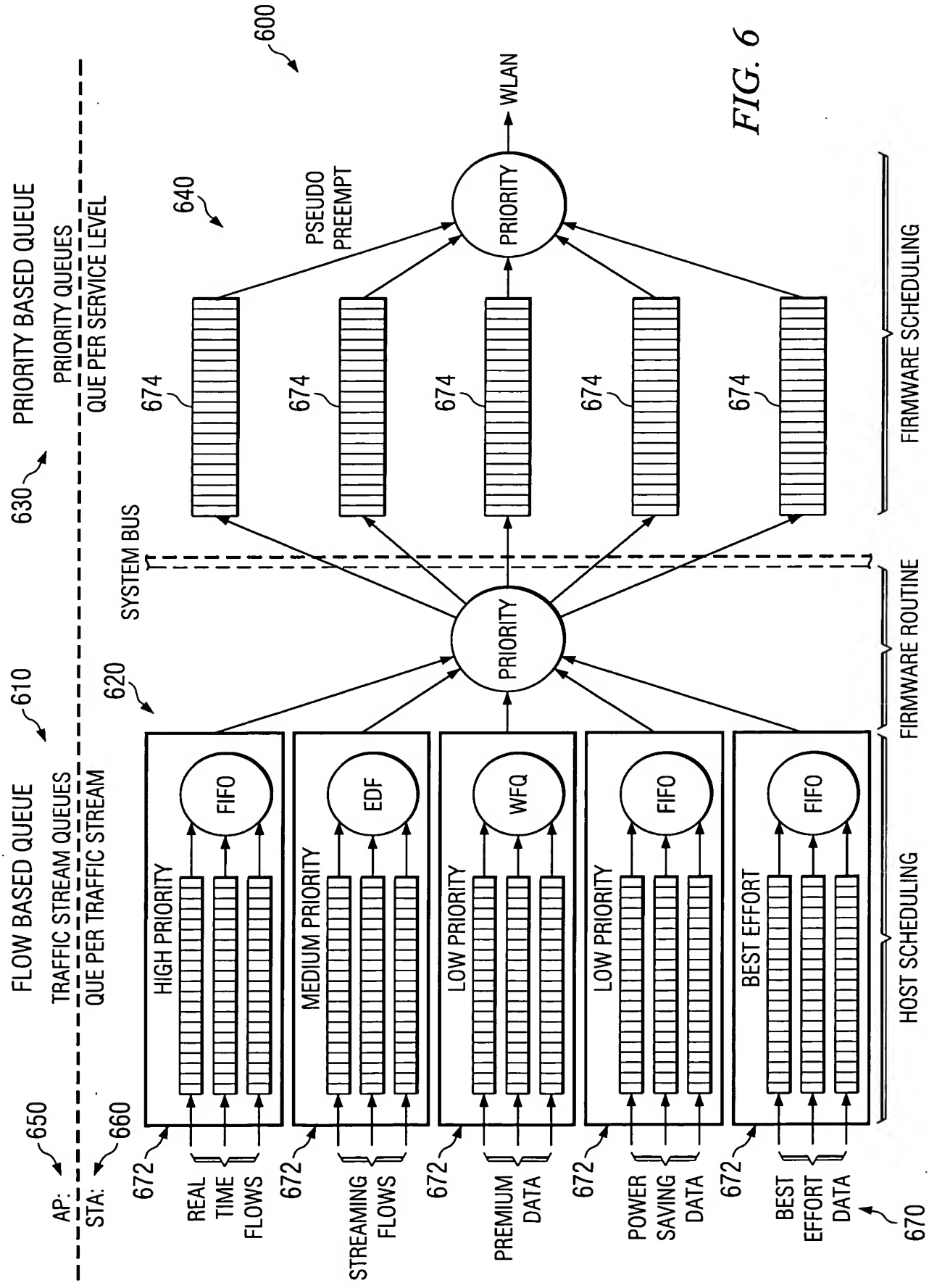
600
WLAN
640
PSEUDO PREEMPT
PRIORITY
674
PRIORITY BASED QUEUE
PRIORITY QUEUES
QUE PER SERVICE LEVEL
630
SYSTEM BUS
FIRMWARE SCHEDULING
FIRMWARE ROUTINE
HOST SCHEDULING
FLOW BASED QUEUE
TRAFFIC STREAM QUEUES
QUE PER TRAFFIC STREAM
610
620
HIGH PRIORITY
FIFO
MEDIUM PRIORITY
EDF
LOW PRIORITY
WFQ
LOW PRIORITY
FIFO
BEST EFFORT
FIFO
672
REAL TIME FLOWS
STREAMING FLOWS
PREMIUM DATA
POWER SAVING DATA
BEST EFFORT DATA
670
AP:
650
STA:
660

FIG. 6

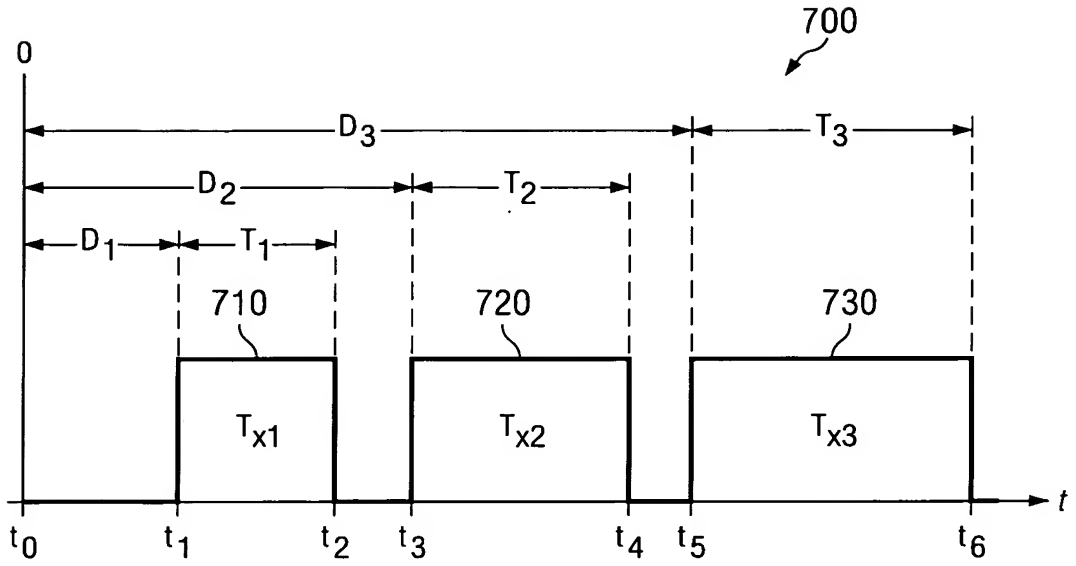

FIG. 7

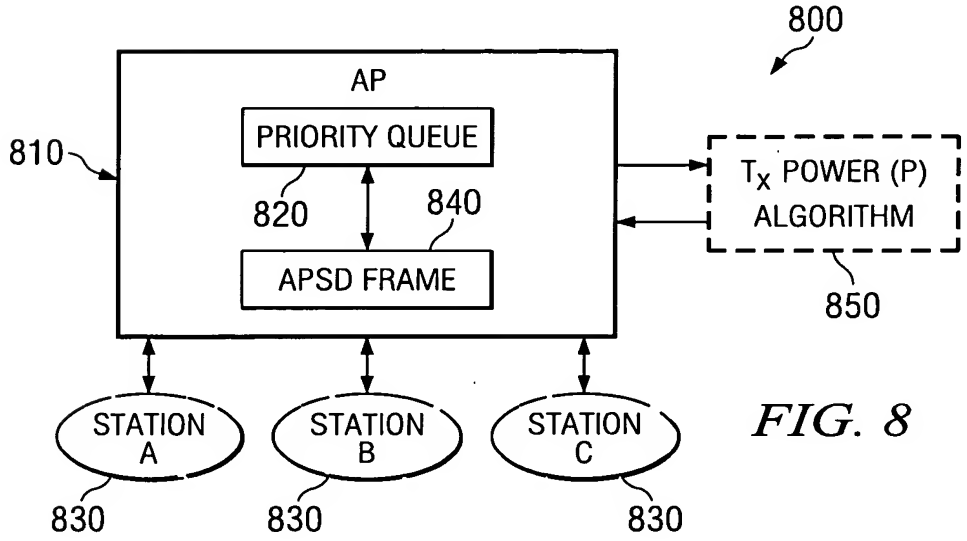

FIG. 8

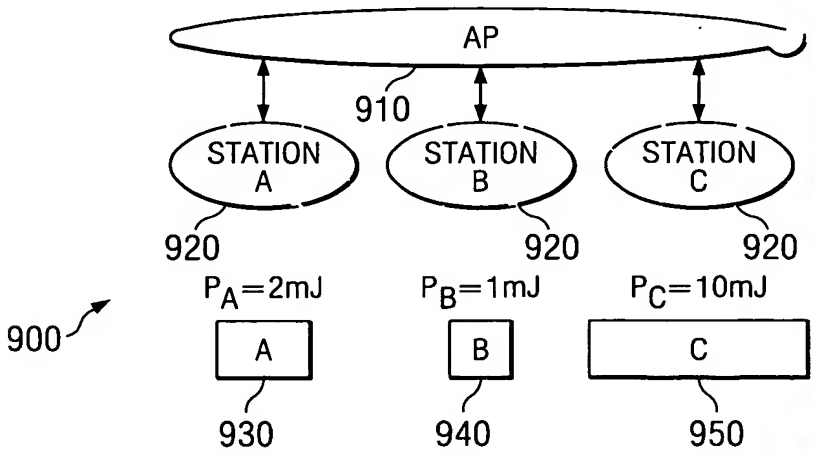

FIG. 9

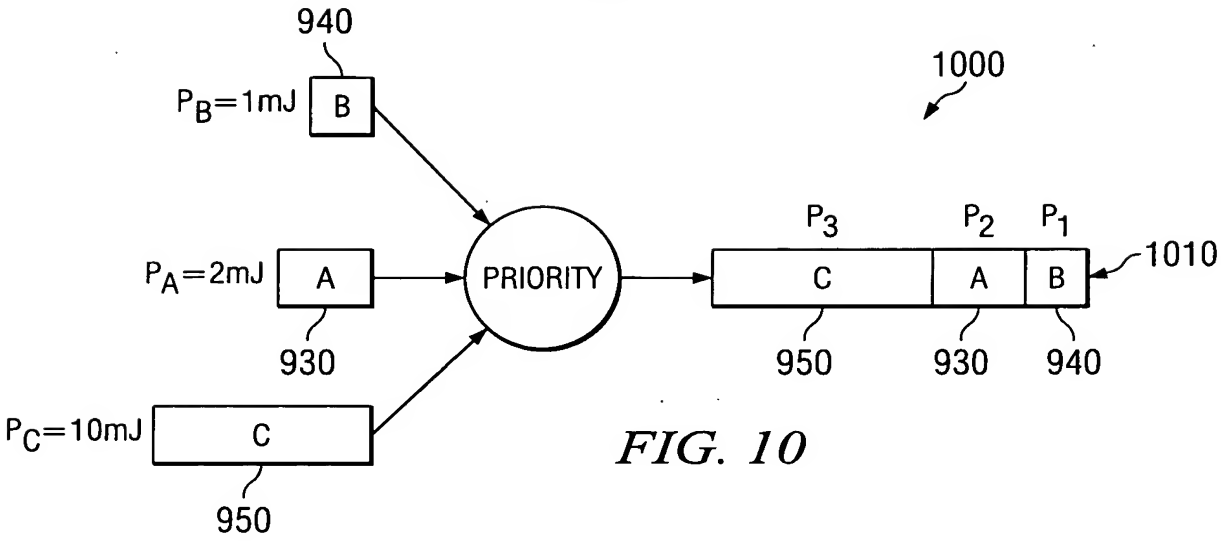

FIG. 10

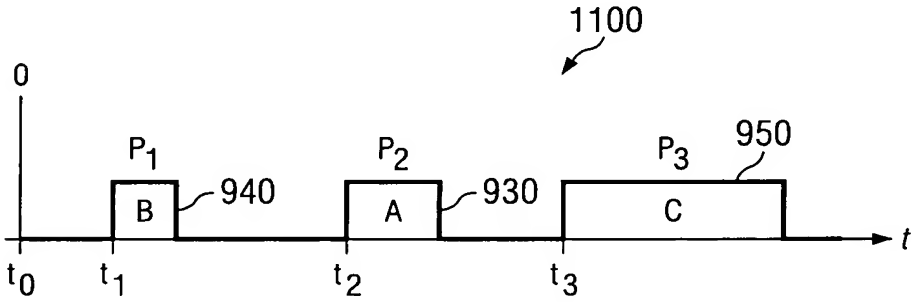

FIG. 11

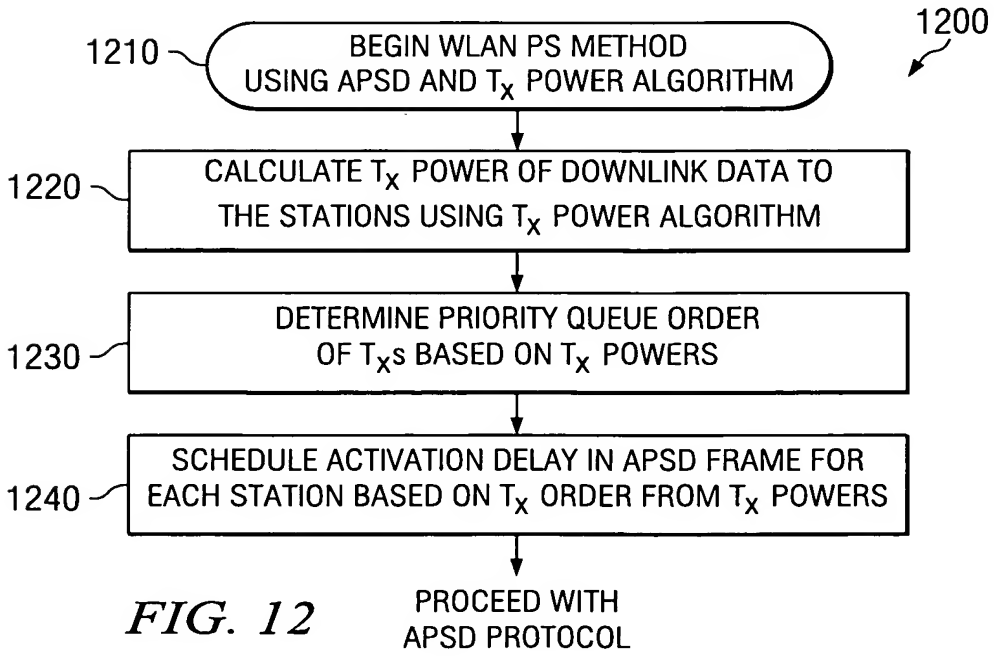

FIG. 12

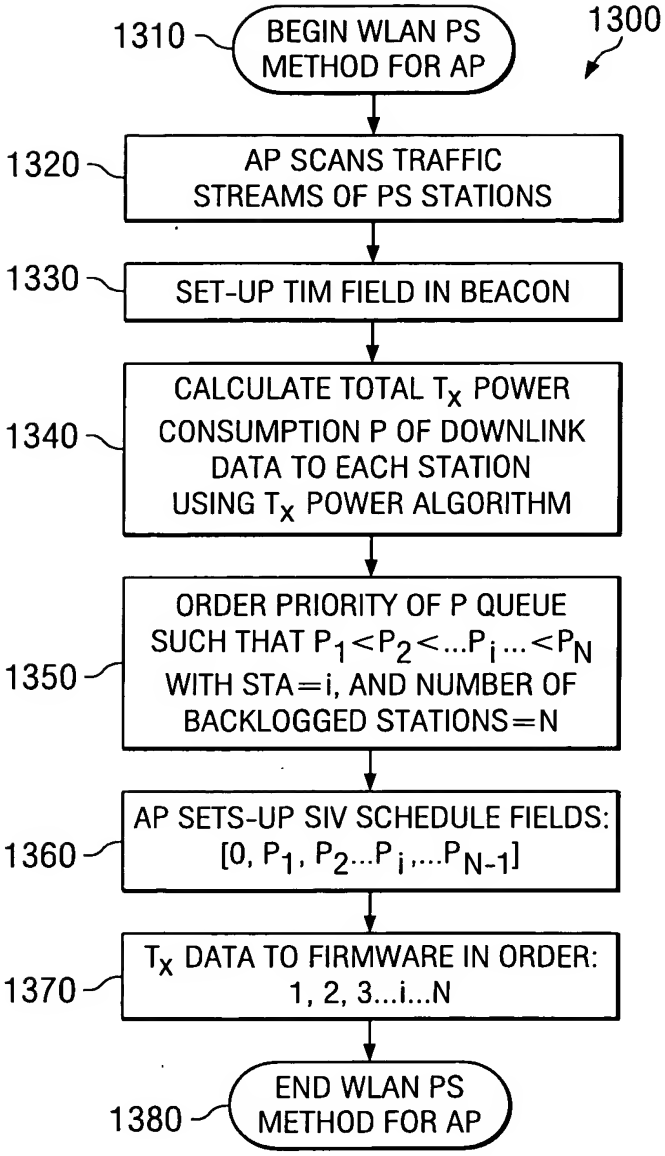

FIG. 13

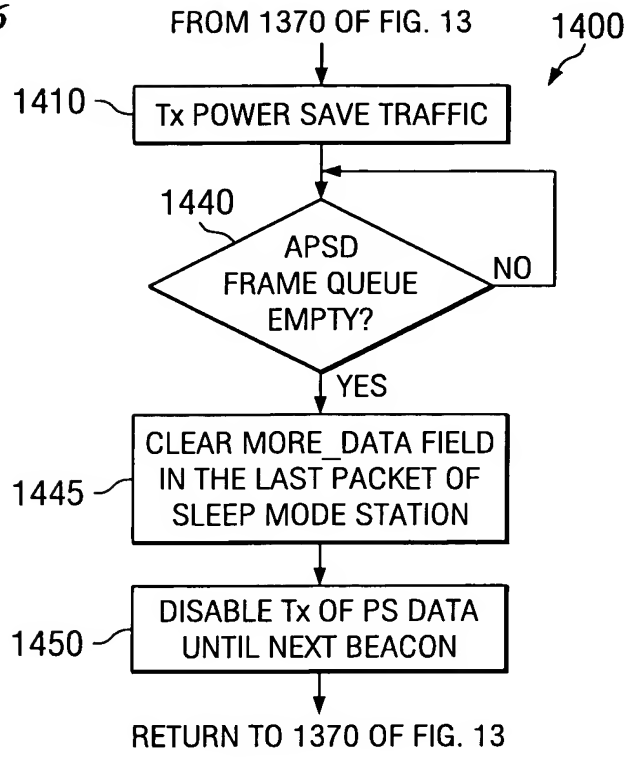

FIG. 14

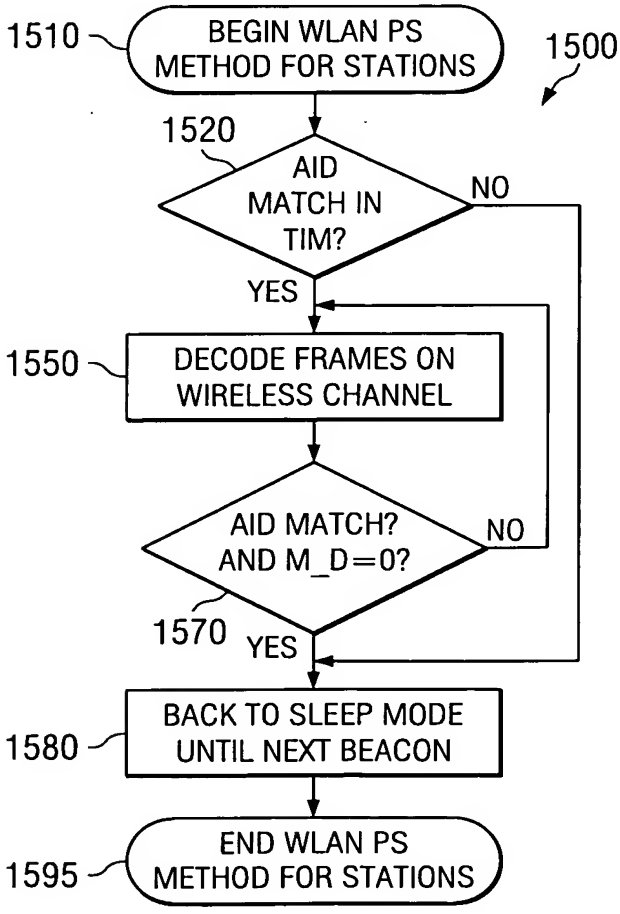

FIG. 15